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Gradient	. Descent
Gradient	· Descent >

·How & I take a "loss function" and turn Tt into a search Strategy? (That's where Gradient Descent comes in)

·Gradient Descent

: Refers to the process of walking down the Surface formed by using our loss founction on all the points in parameter space.

\* Where we've evaluated our loss function.

(while the loss is greater than a finy constant compute the direction)

And then for search each parameter in the model,

Set its value to be the old value plus the product of the stepsize and the direction.

Then finally re-compute the loss.

The <u>Slope</u> or the <u>rate</u> at which the curve.

7 gives us a descent sense of how far to step and the direct at the Same time.

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